CufC

Patent `

Attorney Docket: 003800-006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

Nicholas S. BODOR

Patent No. 4,996,335

Issued: February 26, 1991

For: SOFT STEROIDS HAVING

ANTI-INFLAMMATORY ACTIVITY

ATTENTION:

CERTIFICATE OF CORRECTION BRANCH

Serial No.: 06/807,034

Filed: December 9, 1985

CERTIFICATE

MAR 3 0 1998

REQUEST FOR ISSUANCE OF CERTIFICATE OF CORRESPONDING

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

MAY 1 2 1998

FOR THE COMMISSIONER OF PAT. & T.M.

Patentee hereby requests that the Commissioner issue a Certificate of Correction directed to the above-identified patent in view of errors that occurred during the printing thereof.

The corrections, which are also set forth on the enclosed duplicate originals of Form PTO-1050, are as follows:

In Column 1, line 9, "Sept. 18" should read --Sept. 15--.

In Column 2, lines 45-57, delete the structural formula (I), and insert in its stead:

28

$$\begin{array}{c} X - R_1 \\ C = O \\ O \\ R_3 \end{array}$$

$$\begin{array}{c} K - R_1 \\ O \\ R_3 \end{array}$$

$$\begin{array}{c} K - R_1 \\ O \\ R_3 \end{array}$$

$$\begin{array}{c} K - R_1 \\ O \\ R_3 \end{array}$$

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$$\begin{array}{c} K - R_1 \\ O \\ R_3 \end{array}$$

In Column 5, line 25, "timethylene" should read --trimethylene--.

In Column 5, lines 28 and 29, after "dialkylcarbamoyl", insert --groupings are of the type--.

In Column 10, lines 1-13, delete the structural formula (II) and insert in its stead:

$$R_{4}$$
OH
 $C=O$
 R_{3}
 R_{3}
(II)

In Column 10, lines 20-30, delete the structural formula and insert in its stead:

$$R_4$$
 R_5
 CH_2OH
 $C=O$
 R_3C
 R_4
 R_5

In Column 10, lines 50-60, delete the structural formula (III) and insert in its stead:

OH
$$C=O$$
 H_3C
 R_3 "

OCOOR₂
 R_3 "

(III)

In Column 11, lines 15-25, delete the structural formula (IV) and insert in its stead:

OM
$$C=O$$
 HO
 H_3C
 R_3 "
 R_5
 R_5
 R_5

In Column 12, line 8, "wtih" should read --with--.

In Column 13, lines 1-12, delete structural formula (V) and insert in its stead:

$$R_{3}$$
C R_{4} R_{5} R_{5} R_{6} R_{7} R_{7}

Attorney Docket: 003800-006

In Column 13, lines 18-29, delete the structural formula (VI) and insert in its stead:

$$OR_1$$
 $C=0$
 H_3C
 R_3
 R_5
 OR_1
 R_3
 OH
 R_3
 OH
 R_3

In Column 13, line 50, after "formula (I) wherein R_1 is", insert --a sulfinyl- or sulfonyl-containing group [e.g., when R_1 is--.

In Column 14, lines 5-17, delete the structural formula (VIII) and insert in its stead:

$$R_{4}$$
 R_{5}
 $C=0$
 R_{3}
 R_{3}
 R_{3}
 R_{3}
 R_{5}
 R_{5}

In Column 14, line 42, "phuosgene" should read --phosgene--.

In Column 14, lines 45-57, delete the structural formula (VII) and insert in its stead:

$$\begin{array}{c} OR_1 \\ C=O \\ H_3C \\ R_3 \end{array}$$

$$\begin{array}{c} R_3 \end{array}$$

$$\begin{array}{c} OR_1 \\ R_3 \end{array}$$

In Column 15, lines 23-34, delete the structural formula (X) and insert in its stead:

$$\begin{array}{c} OH \\ C=O \\ H_3C \\ R_4 \end{array} \qquad \begin{array}{c} OCOC1 \\ R_3" \end{array} \qquad (X)$$

In Column 16, line 40, "aceytonitrile" should read --acetonitrile--.

In Column 16, lines 55-68, delete the structural formula (XI) and insert in its stead:

$$\begin{array}{c} O \\ O COR_2 \\ C = O \\ H_3C \\ R_3 \end{array} (XI)$$

In Column 17, line 25, "suchy" should read --such--.

In Column 17, lines 36-46, delete the structural formula (IX) and insert in its stead:

$$\begin{array}{c}
X - R_1 \\
C = O \\
O \\
H_3C \\
R_3
\end{array}$$
(IX)

In Column 18, line 20, "and" should read --an--.

In Column 18, line 60, "As" should read --An--.

In Column 20, line 3, "MeKenzie" should read --McKenzie--.

In Column 26, line 63, "asigned" should read --assigned--.

In Column 33, line 24, after "tioned", the period (".") should be a colon

(--:--).

In Column 33, line 32, "propylactic" should read --prophylactic--.

In Column 34, line 39, " $17\alpha/e$ -" should read -- 17α -e- --.

In Column 35, lines 47-58, delete the structural formula and insert in its stead:

$$HO$$
 H_3C
 H_3C
 H_3C
 H_3C

In Column 35, lines 67-68, "filtration" should read --filtrate--.

In Column 36, lines 12-23, delete the structural formula and insert in its stead:

$$HO$$
 H_3C
 H_3C

In Column 37, lines 15-25, delete the structural formula and insert in its stead:

$$HO$$
 H_3C
 H_3C

In Column 37, line 53, after "nmr(CDCl₃)" and before " δ 5.60", insert -- δ 5.80,--. In Column 38, line 24, "mmol6)" should read --mmol)--.

In Column 38, lines 51-61, delete the structural formula and insert in its stead:

In Column 39, lines 6-16, delete the structural formula and insert in its stead:

$$C=O$$
 $C=O$
 $C=O$

In Column 39, line 22, " 17β -ethoxycarbonyloxy" should read -- 17α -ethoxycarbonyloxy--.

In Column 40, line 18, " 11α , 17β -dihydroxy" should read -- 11β , 17α -dihydroxy--. In Column 40, lines 35-46, delete the structural formula and insert in its stead:

$$C=O$$
 H_3C
 R_3
 R_3

Attorney Docket: 003800-006

In Column 40, line 48, delete "Compounds".

In Columns 40 and 41, in the table in Example 6A, for each of Compound Nos. 6A-1 through 6A-15, under column "Z", at each occurrence,

In Column 41, line 60, at the bottom of the table, before "6a-1 to 6A-15 above", insert --Compounds--.

In Column 41, line 62, "17 α -benzyloxo" should read --17 α -benzyloxy--.

In Column 43, line 13, "aicd" should read --acid--.

In Column 44, lines 10-21, delete the structural formula and insert in its stead:

$$H_3C$$
 $C=O$
 H_3C
 R_3

 \dot{R}_4

Attorney Docket: 003800-006

In Columns 44, 45-46 and 47-48, in the table in Example 6B, for each of Compound Nos. 6B-3, 6B-4, 6B-5, 6B-7, 6B-8, 6B-9, 6B-11, 6B-12, 6B-13, and 6B-15 through 6B-25, under column "Z", at each occurrence,

In Column 48, lines 15-26, delete the structural formula (VI) and insert in its stead:

$$R_{3}$$
COH
 $C=O$
 H_{3} C
 R_{3}
 R_{4}
 R_{5}

In Columns 48 and 49-50, in the table in Example 6C, for each of Compound Nos. 6C-1 through 6C-11, under column "Z", at each occurrence,

In Column 50, lines 33-45, delete the structural formula and insert in its stead:

$$R_{4}$$
 R_{5}
 $C=0$
 R_{3}
 R_{3}
 R_{3}

In Columns 50 through 56, in the table in Example 7A, for each of Compound Nos. 7A-1 through 7A-18 and 7A-21 through 7A-30, under column "Z", at each occurrence,

In Column 55, line 20, "17 β -ethoxycarbonyloxy" should read --17 α -ethoxycarbonyloxy--.

In Column 56, line 14, "methylandrost" should read --methylandrosta--.

In Column 56, lines 46-56, delete the structural formula and insert in its stead:

$$R_{3}$$
C R_{4} R_{5} R_{5} R_{1} $C=0$ R_{2} R_{3} R_{3}

In Columns 56 through 66, in the table in Example 7B, for each of Compound Nos. 7B-1 through 7B-7, 7B-14 through 7B-18, 7B-22 through 7B-29, 7B-33 through 7B-40, and 7B-44 through 7B-64, under column "Z", at each occurrence,

In Column 66, lines 40-50, delete the structural formula and insert in its stead:

$$R_4$$
 $C=0$
 R_3
 R_4
 R_5
 R_5

In Columns 66 through 68, in the table in Example 7C, for each of Compound Nos.

7C-1 through 7C-13, under column "Z", at each occurrence,

In Column 69, line 39, "11 α ," should read --11 β ,--.

In Column 69, lines 52-62, delete the structural formula and insert in its stead:

$$\begin{array}{c} OR_1 \\ C=O \\ H_3C \\ O \end{array}$$

In Column 70, lines 3-13, delete the structural formula.

In Column 70, line 31, "thylfulfonylmethyl" should read --thylsulfonylmethyl--.

In Column 70, lines 37-46, delete the structural formula and insert in its stead:

$$OR_1$$
 $C=O$
 H_3C
 $OCOR_2$
 $OCOR_2$

In Column 71, lines 2-11, delete the structural formula and insert in its stead:

$$\begin{array}{c} Cl \\ C=O \\ H_3C \\ H_3C \\ R_3 \end{array}$$

In Column 71, lines 22-31, delete the structural formula and insert in its stead:

$$C=O$$
 $C=O$
 $C=O$

In Column 71, lines 44-54, delete the structural formula and insert in its stead:

$$R_{4}$$
 R_{5}
 $C=0$
 R_{3}
 R_{3}
 R_{3}
 R_{4}
 R_{5}

In Column 72, lines 5-13, delete the structural formula and insert in its stead:

$$C=O$$
 $C=O$
 $C=O$

In Column 72, lines 51-60, delete the structural formula and insert in its stead:

$$\begin{array}{c} OH \\ C=O \\ H_3C \\ O \end{array}$$

In Column 74, lines 2-14, delete the structural formula and insert in its stead:

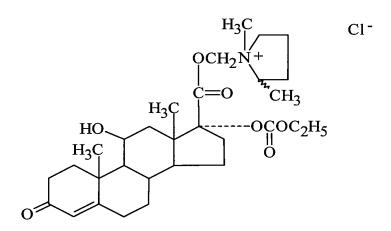
$$\begin{array}{c} O \\ O \\ O \\ C \\ C \\ C \\ O \\ R_3 \\ \end{array}$$

$$\begin{array}{c} O \\ O \\ C \\ C \\ O \\ C \\ O \\ C \\ O \\ C \\ R_3 \\ \end{array}$$

In Column 74, lines 47-55, delete the structural formula and insert in its stead:

In Column 76, line 6, "dikmethylpyrrolidine" should read --dimethylpyrrolidine--. In Column 76, lines 17-30, delete the structural formula and insert in its stead:





In Column 76, lines 37-48, delete the structural formula and insert in its stead:

$$C = O$$

$$HO$$

$$H_3C$$

$$O = O$$

$$H_3C$$

$$O = O$$

$$O$$

In Column 76, lines 52-55,

$$H_3C$$
— N should read H_3C — N CH_3

In Column 77, lines 3-12, delete the structural formula.

In Column 77, lines 17-20,

In Column 77, lines 57-58, "Benalkonium" should read --Benzalkonium--.

In Column 78, line 38, "Eye Drops" should be underlined.

In Column 79, lines 14-25, delete the structural formula and insert in its stead:

$$R_{3}$$
 R_{4}
 R_{5}
 R_{5}
 R_{1}
 $C=0$
 R_{3}
 R_{3}

In Columns 79-80, lines 24-38, in the table in Example 29, for each of Compound Nos. 29-1 and 29-2, under column "Z", at each occurrence,

In Column 80, lines 2-12, part (a) of Claim 1, delete the structural formula (I) and insert in its stead:

$$\begin{array}{c} X - R_1 \\ C = O \\ H_3C \\ R_3 \end{array} \qquad (I)$$

In Column 81, lines 55-65, part (c) of Claim 1, delete the structural formula and insert in its stead:

$$R_{3}$$
C R_{4} R_{5} R_{5} R_{3} R_{5} R_{6} R_{7} R_{7}

In Column 82, lines 15-24, part (d) of Claim 1, delete the structural formula (IV) and insert in its stead:

$$\begin{array}{c} OM \\ C=O \\ O \\ R_3C \\ R_4 \end{array} \qquad (IV)$$

In Column 82, lines 34-44, part (e) of Claim 1, delete the structural formula (VII) and insert in its stead:

$$R_{4}$$
 R_{5}
 $C=0$
 R_{3}
 R_{3}
 R_{3}
 R_{5}
 $C=0$
 R_{3}
 R_{3}

In Column 82, lines 53-64, part (f) of Claim 1, delete the structural formula (VIII) and insert in its stead:

$$R_{3}$$
C R_{4} R_{5} R_{5} $C=0$ C

In Column 83, lines 2-12, part (g) of Claim 1, delete the structural formula (IX) and insert in its stead:

$$X-R_1$$
 $C=0$
 H_3C
 R_3
 R_3
 R_5
 R_5
 R_5
 $C=0$
 C

In Column 83, lines 20-31, part (a) of Claim 2, delete the structural formula (I) and insert in its stead:

$$\begin{array}{c} X - R_1 \\ C = 0 \\ H_3 C \\ R_3 \end{array} \qquad (I)$$

In Column 83, line 49, part (a) of Claim 2, in the definition of R_3 , " β -methyl, β -methyl" should read -- α -methyl, β -methyl--.

In Column 84, lines 2-13, part (c) of Claim 2, delete the structural formula (III) and insert in its stead:

$$\begin{array}{c} OH \\ C=O \\ O \\ H_3C \\ \hline \\ R_4 \\ \end{array}$$

$$\begin{array}{c} OH \\ C=O \\ OCOR_2 \\ \hline \\ R_3" \end{array}$$

$$\begin{array}{c} (III) \\ \end{array}$$

In Column 84, lines 31-43, part (d) of Claim 2, delete the structural formula (IV) and insert in its stead:

$$\begin{array}{c|c}
& OM \\
C=O \\
& OCOR_2 \\
& R_3"
\end{array} \qquad (IV)$$

In Column 84, lines 51-62, part (e) of Claim 2, delete the structural formula (VII) and insert in its stead:

$$R_{3}$$
C R_{4} R_{5} R_{5} R_{1} $C=0$ R_{2} R_{3} $C=0$ C

In Column 85, lines 2-12, part (f) of Claim 2, delete the structural formula (VIII) and insert in its stead:

$$R_{3}$$
C R_{3} C R

In Column 85, lines 18-28, part (g) of Claim 2, delete the structural formula (IX) and insert in its stead:

$$\begin{array}{c} X - R_1 \\ C = O \\ O \\ H_3C \\ R_3 \end{array} \qquad (IX)$$

In Column 87, line 16, Claim 50, "sentss" should read --sents--.

In Column 88, line 42, Claim 73, after "claim 2" and before "is", insert --which--.

In Column 89, line 24, Claim 86, "dien" should read --diene--.

In Column 89, line 53, Claim 95, delete "-I-" and insert -- -O- --.

In Column 90, lines 33-42, Claim 110, delete the structural formula and insert in its stead:

$$\begin{array}{c}
O-R_1 \\
C=O \\
H_3C \\
H_3C \\
R_3
\end{array}$$

In Column 90, lines 52-63, Claim 113, delete the structural formula (I) and insert in its stead:

$$X-R_1$$
 $C=0$
 H_3C
 R_3
 R_3
 R_5
 R_5
 R_5
 R_5

The above information was correct in the application as filed on December 9, 1985 and as amended by amendments filed December 9, 1985 and September 9, 1987.

It is hereby requested that, in view of the above, a Certificate of Correction be issued. In addition, since the errors are printing errors and are the mistake of the Patent Office, the Certificate should be issued at no charge to the patentee.

Respectfully submitted,

BURNS, DOANE, SWECKER AND MATHIS, L.L.P.

By

Norman H. Stepno

Registration No. 22,716

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620

Date: March 23, 1998

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. :

4,996,335

DATED

February 26, 1991

INVENTOR(S):

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 1, line 9, "Sept. 18" should read --Sept. 15--.

In Column 2, lines 45-57, delete the structural formula (I), and insert in its

$$\begin{array}{c} X-R_1 \\ C=0 \\ H_3C \\ Z \\ R_3 \end{array} \qquad (I)$$

In Column 5, line 25, "timethylene" should read --trimethylene--.

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404

PATENT NO. _

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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991 Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 10, lines 20-30, delete the structural formula and insert in its ste

$$CH_2OH$$
 $C=O$
 H_3C
 R_3'
 R_5

MAILING ADDRESS OF SENDER:

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FORM PTO 1050 (Rev. 2-93)

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In Column 5, lines 28 and 29, after "dialkylcarbamoyl", insert --groupings the type--.

In Column 10, lines 1-13, delete the structural formula (II) and insert in its

OH
$$C=O$$
 H_3C
 R_3
 R_5
 R_5
 R_5
 R_5
 R_5
 R_7

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In Column 10, lines 50-60, delete the structural formula (III) and insert in i

$$R_{5}$$

OH

 $C=O$
 $R_{3}C$
 R_{3} "

(III)

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In Column 11, lines 15-25, delete the structural formula (IV) and insert in i

OM
$$C=0$$

$$H_3C$$

$$R_3''$$

$$R_5$$
(IV)

In Column 12, line 8, "wtih" should read --with--.

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 $C=0$
 R_{3}
 R_{5}
OH
 R_{3}
 R_{5}
OH
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 R_{5}

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 H_3C
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In Column 14, lines 5-17, delete the structural formula (VIII) and insert in it

$$R_{3}$$
C R_{3} " (VIII)

In Column 14, line 42, "phuosgene" should read --phosgene--.

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OH
$$C=0$$
 H_3C
 R_3 "
 R_5
 R_5
 R_5
 R_5
 R_5
 R_5

In Column 16, line 40, "aceytonitrile" should read --acetonitrile--.

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In Column 16, lines 55-68, delete the structural formula (XI) and insert in

OCOR₂

$$H_{3C}$$

$$H_{3C}$$

$$R_{3}$$

$$R_{3}$$

$$R_{5}$$

$$(XI)$$

In Column 17, line 25, "suchy" should read --such--.

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404

Alexandria, VA 22313-1404

FORM **PTO 1050** (Rev. 2-93)

PATENT NO.

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is here corrected as shown below:

In Column 17, lines 36-46, delete the structural formula (IX) and insert in it

$$\begin{array}{c}
X-R_1 \\
C=0 \\
0 \\
R_3 \\
R_4
\end{array}$$
(IX)

In Column 18, line 20, "and" should read --an--.

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404

Alexandria, VA 22313-1404

PATENT NO. _

<u>4,</u>9

۱U. ۱



PATENT NO. :

DATED

4,996,335

INVENTOR(S) :

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is I

In Column 18, line 60, "As" should read -- An--.

In Column 20, line 3, "MeKenzie" should read --McKenzie--.

In Column 26, line 63, "asigned" should read --assigned--.

In Column 33, line 24, after "tioned", the period (".") should be a colon

(--:--).

In Column 33, line 32, "propylactic" should read --prophylactic--.

In Column 34, line 39, " $17\alpha/e$ -" should read -- 17α -e- --.

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404

FORM PTO 1050 (Rev. 2-93)

PATENT NO. _

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 35, lines 47-58, delete the structural formula and insert in its ste

In Column 35, lines 67-68, "filtration" should read --filtrate--.



MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404

Alexandria, VA 22313-1404

FORM PTO 1050 (Rev. 2-93)

PATENT NO. ____

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 36, lines 12-23, delete the structural formula and insert in its ste.

$$\begin{array}{c} OH \\ C=O \\ H_3C \\ \hline \\ O \end{array}$$

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 PATENT NO. __

4.9

No. (

□>-

FORM PTO 1050 (Rev. 2-93)

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991 Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 37, lines 15-25, delete the structural formula and insert in its ste

In Column 37, line 53, after "nmr(CDCl₃)" and before " δ 5.60", insert -- δ 5.8 In Column 38, line 24, "mmol6)" should read --mmol)--.

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 PATENT NO. ____

4.99



PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 38, lines 51-61, delete the structural formula and insert in its ste

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404

Alexandria, VA 22313-1404

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No. of

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PATENT NO. __

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UNITED STATES PATENT AND TRADEMARK OFFICE Page CERTIFICATE OF CORRECTION

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 39, lines 6-16, delete the structural formula and insert in its stea

$$\begin{array}{c} \text{OCH}_2\text{SO}_2\text{CH}_3\\ \text{C=O}\\ \text{H}_3\text{C}\\ \text{O}\\ \text{O$$

In Column 39, line 22, "17 β -ethoxycarbonyloxy" should read --17 α -ethoxycarbonyloxy--.

In Column 40, line 18, " 11α , 17β -dihydroxy" should read -- 11β , 17α -dihydrox

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 PATENT NO. __

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UNITED STATES PATENT AND TRADEMARK OFFICE Page CERTIFICATE OF CORRECTION

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 40, lines 35-46, delete the structural formula and insert in its stea

$$R_{5}$$

OH

 $C=O$
 R_{3}
 R_{3}
 R_{5}

In Column 40, line 48, delete "Compounds".



MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 PATENT NO. _____

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Columns 40 and 41, in the table in Example 6A, for each of Compound 1 6A-1 through 6A-15, under column "Z", at each occurrence,

In Column 41, line 60, at the bottom of the table, before "6a-1 to 6A-15 above insert -- Compounds--. \(\) \(\)

In Column 41, line 62, "17α-benzyloxo" should read --17α-benzyloxy--. In Column 43, line 13, "aicd" should read --acid--.

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93) PATENT NO. ______4,9

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 44, lines 10-21, delete the structural formula and insert in its stea

$$R_{5}$$
OH
 $C=0$
 R_{3}
 R_{3}
 R_{5}

MAILING ADDRESS OF SENDER:

FORM PTO 1050 (Rev. 2-93)

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 PATENT NO. _____4

No.

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Columns 44, 45-46 and 47-48, in the table in Example 6B, for each of C Nos. 6B-3, 6B-4, 6B-5, 6B-7, 6B-8, 6B-9, 6B-11, 6B-12, 6B-13, and 6B-15 throug under column "Z", at each occurrence,

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93) PATENT NO. ___

4.99



PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 48, lines 15-26, delete the structural formula (VI) and insert in i

OH
$$C=O$$
 H_3C
 R_3
 R_4
 R_5

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93) PATENT NO. ______4,99

No. of a



PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Columns 48 and 49-50, in the table in Example 6C, for each of Compour 6C-1 through 6C-11, under column "Z", at each occurrence,

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FORM PTO 1050 (Rev. 2-93)

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 PATENT NO. _

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 50, lines 33-45, delete the structural formula and insert in its ste

$$C=0$$
 H_3C
 R_4
 R_5
 R_5
 R_5
 $C=0$
 R_3

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93) PATENT NO. 4,9'

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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is $h\varepsilon$

In Columns 50 through 56, in the table in Example 7A, for each of Composition 7A-1 through 7A-18 and 7A-21 through 7A-30, under column "Z", at each occurre

In Column 55, line 20, " 17β -ethoxycarbonyloxy" should read

--17α-ethoxycarbonyloxy--. (

In Column 56, line 14, "methylandrost" should read --methylandrosta--

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404

Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93)

PATENT NO. __

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UNITED STATES PATENT AND TRADEMARK OFFICE Pag-**CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is hi

In Column 56, lines 46-56, delete the structural formula and insert in its ste

$$R_{3}$$
C R_{4} R_{5} R_{5} R_{6} R_{1} R_{2} R_{3} R_{4} R_{5}

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PATENT NO. _





PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Columns 56 through 66, in the table in Example 7B, for each of Compot 7B-1 through 7B-7, 7B-14 through 7B-18, 7B-22 through 7B-29, 7B-33 through 7B-44 through 7B-64, under column "Z", at each occurrence,

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UNITED STATES PATENT AND TRADEMARK OFFICE Page CERTIFICATE OF CORRECTION

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her

In Column 66, lines 40-50, delete the structural formula and insert in its ste

$$OR_1$$
 $C=0$
 H_3C
 R_4
 R_5
 R_5

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404

PATENT NO.



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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991 Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is held corrected as shown below:

In Columns 66 through 68, in the table in Example 7C, for each of Compot 7C-1 through 7C-13, under column "Z", at each occurrence,

In Column 69, line 39, " 11α ," should read -- 11β ,--.

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93) PATENT NO. _____

No. of

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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 69, lines 52-62, delete the structural formula and insert in its ste

$$\begin{array}{c} OR_1 \\ C=O \\ H_3C \\ O \end{array}$$

In Column 70, lines 3-13, delete the structural formula.

In Column 70, line 31, "thylfulfonylmethyl" should read --thylsulfonylmethyl

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93)

PATENT NO.

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 70, lines 37-46, delete the structural formula and insert in its ste

$$OR_1$$
 $C=O$
 H_3C
 $OCOR_2$
 $OCOR_2$

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93)

PATENT NO. _

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No. of a

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UNITED STATES PATENT AND TRADEMARK OFFICE Pag **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he

In Column 71, lines 2-11, delete the structural formula and insert in its stea

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404

Alexandria, VA 22313-1404

FORM PTO 1050 (Rev. 2-93)

PATENT NO. _

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No. of a



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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is heleocrected as shown below:

In Column 71, lines 22-31, delete the structural formula and insert in its ste

$$\begin{array}{c} SCH_{3} \\ C=O \\ H_{3}C \\ H_{3}C \\ R_{3} \end{array}$$

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 PATENT NO. _

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FORM PTO 1050 (Rev. 2-93)

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UNITED STATES PATENT AND TRADEMARK OFFICE Pag CERTIFICATE OF CORRECTION

PATENT NO. :

DATED

4,996,335

INVENTOR(S) :

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he

In Column 71, lines 44-54, delete the structural formula and insert in its st

$$R_{5}$$
 R_{5}
 R_{5}
 R_{5}
 R_{5}
 R_{5}
 R_{5}
 R_{5}
 R_{5}
 R_{5}
 R_{5}

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FORM PTO 1050 (Rev. 2-93)

PATENT NO.



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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 72, lines 5-13, delete the structural formula and insert in its stead

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93)

PATENT NO.



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UNITED STATES PATENT AND TRADEMARK OFFICE Pag CERTIFICATE OF CORRECTION

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 72, lines 51-60, delete the structural formula and insert in its ste

$$\begin{array}{c} OH \\ C=O \\ H_3C \\ O \end{array}$$

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93)

PATENT NO. _____

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No. of a

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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 74, lines 2-14, delete the structural formula and insert in its stea

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404

Alexandria, VA 22313-14 FORM **PTO 1050** (Rev. 2-93) PATENT NO. __

4.996

No. of a



PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 74, lines 47-55, delete the structural formula and insert in its ste

In Column 76, line 6, "dikmethylpyrrolidine" should read --dimethylpyrrolidi

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404

Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93)

PATENT NO. _



PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 76, lines 17-30, delete the structural formula and insert in its ste

$$\begin{array}{c} H_3C \\ OCH_2N+ \\ C=O \\ CH_3 \\ HO \\ H_3C \\ O \\ O \\ \end{array}$$

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93) PATENT NO. ______4,991

No. of

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 76, lines 37-48, delete the structural formula and insert in its stea

$$\begin{array}{c|c}
 & \downarrow \\
 & \downarrow \\$$

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404

Alexandria, VA 22313-1404

FORM PTO 1050 (Rev. 2-93)

PATENT NO. _____

No

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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

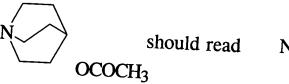
Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he

In Column 76, lines 52-55,

$$H_3C-N$$
 should read H_3C-N CH_3

In Column 77, lines 3-12, delete the structural formula. In Column 77, lines 17-20,





In Column 77, lines 57-58, "Benalkonium" should read --Benzalkonium--.

MAILING ADDRESS OF SENDER:

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404 FORM PTO 1050 (Rev. 2-93)

PATENT NO. .

No. of a



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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he

In Column 78, line 38, "Eye Drops" should be underlined.

In Column 79, lines 14-25, delete the structural formula and insert in its ste

$$OR_1$$
 $C=O$
 H_3C
 R_4
 R_5
 R_5

MAILING ADDRESS OF SENDER:

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PATENT NO.



UNITED STATES PATENT AND TRADEMARK OFFICE Pag **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is hi

In Columns 79-80, lines 24-38, in the table in Example 29, for each of Cor Nos. 29-1 and 29-2, under column "Z", at each occurrence,

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PATENT NO. .

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is hercorrected as shown below:

In Column 80, lines 2-12, part (a) of Claim 1, delete the structural formula insert in its stead:

$$\begin{array}{c} X - R_1 \\ C = O \\ H_3 C \\ R_3 \end{array} \qquad (I)$$

MAILING ADDRESS OF SENDER:

Norman H. Stepno

Burns, Doane, Swecker & Mathis, L.L.P.

P.O. Box 1404

Alexandria, VA 22313-1404

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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her-corrected as shown below:

In Column 81, lines 55-65, part (c) of Claim 1, delete the structural formula insert in its stead:

$$R_{3}$$
C R_{3} "

OH

 $C=O$
 R_{3} C

 R_{3} "

(III)

MAILING ADDRESS OF SENDER:

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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 82, lines 15-24, part (d) of Claim 1, delete the structural formul and insert in its stead:

$$\begin{array}{c} OM \\ C=O \\ O \\ R_3C \end{array}$$

$$\begin{array}{c} R_4 \\ R_5 \end{array}$$

$$(IV)$$

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 82, lines 34-44, part (e) of Claim 1, delete the structural formula (VII) and insert in its stead:

$$OR_1$$
 $C=0$
 H_3C
 R_3 "'
 R_4
 R_5
 R_5
 R_5
 R_7 "'

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No. c



UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 82, lines 53-64, part (f) of Claim 1, delete the structural formula (VIII) and insert in its stead:

$$R_{3}$$
C R_{3} "

 R_{4}
 R_{5}
 R_{5}
 R_{1}
 R_{2}
 R_{3}
 R_{3}
 R_{4}
 R_{5}
 R_{5}
 R_{1}
 R_{2}
 R_{3}

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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 83, lines 2-12, part (g) of Claim 1, delete the structural formula

$$X-R_1$$
 $C=0$
 R_3
 R_3
 R_5
 R_5
 $C=0$
 $C=$

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PATENT NO. _

4,99

No. of





UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 83, lines 20-31, part (a) of Claim 2, delete the structural formula (I) and insert in its stead:

$$\begin{array}{c} X-R_1 \\ C=0 \\ H_3C \\ R_3 \end{array} \qquad (I)$$

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No. of



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UNITED STATES PATENT AND TRADEMARK OFFICE Page **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is her corrected as shown below:

In Column 83, line 49, part (a) of Claim 2, in the definition of R_3 , " β methyl, β -methyl" should read -- α -methyl, β -methyl--.

In Column 84, lines 2-13, part (c) of Claim 2, delete the structural formula (III) and insert in its stead:

OH
$$C=0$$

$$R_{3}C$$

$$R_{3}$$

$$R_{5}$$
(III)

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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is here corrected as shown below:

In Column 84, lines 31-43, part (d) of Claim 2, delete the structural formula (IV) and insert in its stead:

$$\begin{array}{c} OM \\ C=O \\ O \\ R_3C \\ R_4 \end{array} \qquad (IV)$$

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Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, VA 22313-1404

PATENT NO.

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PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is I corrected as shown below:

In Column 84, lines 51-62, part (e) of Claim 2, delete the structural formu (VII) and insert in its stead:

$$OR_1$$
 $C=0$
 H_3C
 R_4
 R_5
 R_5
 R_5
 R_7
 R_7
 R_7
 R_7
 R_7
 R_7

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PATENT NO. _

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UNITED STATES PATENT AND TRADEMARK OFFICE Page CERTIFICATE OF CORRECTION

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is he corrected as shown below:

In Column 85, lines 2-12, part (f) of Claim 2, delete the structural formula (VIII) and insert in its stead:

$$R_{3}$$
C R_{3} "

(VIII)

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PATENT NO. _

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UNITED STATES PATENT AND TRADEMARK OFFICE Page 1 CERTIFICATE OF CORRECTION

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is I corrected as shown below:

In Column 85, lines 18-28, part (g) of Claim 2, delete the structural form (IX) and insert in its stead:

$$X-R_1$$
 $C=0$
 H_3C
 R_3
 R_5
 R_5
 R_5
 $C=0$
 C

In Column 87, line 16, Claim 50, "sentss" should read --sents--.

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UNITED STATES PATENT AND TRADEMARK OFFICE Page 5 **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991 Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is here corrected as shown below:

In Column 88, line 42, Claim 73, after "claim 2" and before "is", insert

--which--.

In Column 89, line 24, Claim 86, "dien" should read --diene--.

In Column 89, line 53, Claim 95, delete "-I-" and insert -- -O- --.

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PATENT NO. _

UNITED STATES PATENT AND TRADEMARK OFFICE Page 5 **CERTIFICATE OF CORRECTION**

PATENT NO. :

DATED

4,996,335

INVENTOR(S):

February 26, 1991

Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is here corrected as shown below:

In Column 90, lines 33-42, Claim 110, delete the structural formula and insert in its stead:

$$O-R_1$$
 $C=O$
 H_3C
 O
 R_3
 R_4
 R_4

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CERTIFICATE OF CORRECTION

PATENT NO. :

4,996,335

DATED

4,330,333

INVENTOR(S):

February 26, 1991 Nicholas S. BODOR

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 90, lines 52-63, Claim 113, delete the structural formula (I) and insert in its stead:

$$\begin{array}{c}
X-R_1 \\
C=O \\
H_3C \\
R_3
\end{array}$$

$$\begin{array}{c}
R_3 \\
R_5
\end{array}$$
(I)

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PATENT NO.

4.996.335

Norman H. Stepno Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404

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